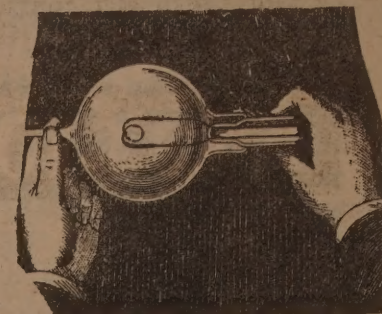


THE NEWSPAPER FOR
THE HOBBYIST OF VINTAGE
ELECTRONICS AND SOUND

THE HORN SPEAKER

HOUCK—



Thomas Edison's
incandescent lamp

1879-1979



The Niagara Frontier Wireless Association was greatly honored this past August 25th at their meet dedicated to Major Armstrong. The presence of several people made their meet an "event".

Mr. Harry Houck, Major Armstrong's friend, confidant and associate of many years attended their meet and banquet.

They had the honor of meeting Mr. Houck on past occasions, however under rushed circumstances. This time many of them were able to talk to him on a much more personal level. They found it easy to understand why Major Armstrong wanted Harry as an associate.

"Mr. Houck is an absolute delight to be with. He is a warm person with a keen mind and an excellent sense of humor. His knowledge of wireless history and the people who made this history is is fantastic."

The above about Mr. Houck was sent to The Horn Speaker through the NFWA Bulletin by Larry Babcock, who is vice-president of the Niagara Frontier Wireless Association.

letters

Dear Jim:

Our club, the NFWA, had a very successful meet last Aug. 25. The biggest highlight was a visit by Mr. Harry Houck who was Major Armstrong's associate for many years.

I'm sending you a couple of our flyers and have circled in red info about Mr. Houck. You

may wish to include some of it in The Horn Speaker. You may of course use any of the info from the flyer that you wish in your excellent paper.

Finally our club would like to offer to send a free issue of our bulletin to anyone who may be a prospective member to our club. If they will send an SASE plus two 15¢ stamps I will send the bulletin. Our address is:

Niagara Frontier Wireless Ass'n.
Box 68, Station H, Buffalo N.Y. 14214.

Cordially,
Larry Babcock
8095 Centre Lane
Amherst N.Y. 14051

P. S. The set in the picture is the AR812. Mr. Houck says that the idea of using the 2nd harmonic of the oscillator was his (Houck's) invention! Our club is selling reprints of the AR812 instruction manual. At the meet Harry autographed a bunch of them for guys who bought the manual from us!

Dear Jim,

Thanks for the reminder card and am sorry that it has taken so long to reply but I am sure you know that I have been in hospital. Am back at work now and feeling much better.

Am enclosing another ad for you to run. You might be interested to know that I have run ads in several Ham journals and other periodicals to do with collecting and have got almost all my success from Horn Speaker ads. I have now a complete set of QST mags from 1924 thanks to your excellent publication.

Also am enclosing a sub for another year. Please keep up the good work.

Kindest Personal Regards,
Dave Medley
6621 Duffield Dr.
Dallas TX 75248

Dear Jim:

I'm glad that you reminded me of "The Horn Speaker" subscription renewal - sure don't want to miss an issue. You have a very fine paper, keep up the good work.

I added a few nice radios to my collection, this past summer and some other components.

Thanks again,
Lyle Scheid
Route 1, Box 14
Icoquois S.D. 57353



Dear Jim;

Please find enclosed a polaroid photo of a DeForest Crosly Clock Radio I acquired this past summer. The cabinet is 59-3/4" high and I believe it to be a 1931 model.

Could you or any readers of THE HORN SPEAKER tell me more about this clock radio.

Many thanks,
David Watson
60 Westminster Ave. N., #1
Montreal West H4X 1Z2
Quebec Canada

Dear Jim:

Enclosed is my check for \$5.50 for another year in receiving a FINE magazine, THE HORN SPEAKER. Would like to hear from any of your readers in the area to form a possible antique radio club here in Eastern North Carolina.

Thanks,
Bill Coleman, Jr./KA4DAP
114 Circle Dr.
Rocky Mount N.C. 27801

news

VINTAGE RADIO BOOKS SELL-OFF WILL CONTINUE

Morgan and Gladie McMahon had planned to cease all Vintage Radio book shipments as of July 31, 1979. Thanks to two kind volunteers, shipments will continue until all books are gone.

Gayle McMahon Rowland and Betty McMahon, Morgan's sister and step-mother, will continue to ship books and print sets until they run out. They will also continue the radio circuit diagrams service.

Radio Collector's Guide is already gone. Vintage Radio, 1887-1929 is in short supply but still available. There are enough copies of A Flick of the Switch, 1930-1950 and Gernsback's 1927 Radio Encyclopedia to last for some months, and a good supply of 1926-1938 Radio Diagrams books.

Morgan and Gladie wish to express their sincere appreciation to Gayle and Betty for their courage in becoming Vintage Radio's "operations department". This is a great service to the radio collecting hobby and to the preservation of radio history.

Prices are the same as before. Orders and information requests can be sent to McMahon Vintage Radio, Box 1331, North Highlands CA 95660. Phone number is 916 332-8262.

on the air

SOCIETY TO PRESERVE AND ENCOURAGE RADIO DRAMA, VARIETY AND COMEDY RADIO'S TOM MIX FEATURED SPEAKER

Curley Bradley, long-time lead in the "Tom Mix Ralston Straight-shooters" program, was the featured speaker at the October meeting of the Society to Preserve and Encourage Radio Drama, Variety and Comedy (SPERDVAC).

The Tom Mix program provided Western action and adventure to a generation of youngsters who were frequently encouraged to send "ten cents and a boxtop" to the sponsor for a wide variety of radio premiums.

Bradley was also a performer on Don McNeill's "Breakfast Club" and a character actor in the NBC series, "Road To Danger".

The meeting was held Saturday, October 12, at 12 noon in the Buena Park Public Library, 7150 La Palma Avenue, Buena Park. The meeting was open to the public and there was no admission charge. SPERDVAC, America's largest organization devoted to old time radio, maintains three extensive tape lending libraries, publishes a monthly Bulletin and an annual Magazine, and conducts monthly meetings featuring personalities from the radio broadcasting industry.

Persons interested in further information on the Society should write SPERDVAC, P.O. Box 1587, Hollywood, California 90028.

POSTAL IDENTIFICATION STATEMENT
The Horn Speaker (USPS 956120) is published monthly, except July and August by Jim Cranshaw, 9820 Silver Meadow Dr., Dallas, Texas 75217. Subscription rates are \$5.50 per

year, \$11.00 two years. Second-class postage paid at Dallas, Texas. POSTMASTER: Send address changes to The Horn Speaker, P.O. Box 53012, Dallas TX 75253.

Subscribers, advertisers, photo-

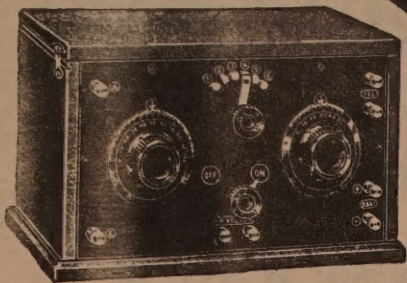
graphers and writers, please use the following address;

THE HORN SPEAKER
P.O. BOX 53012
DALLAS TX 75253

Armstrong Super Heterodyne Receiver

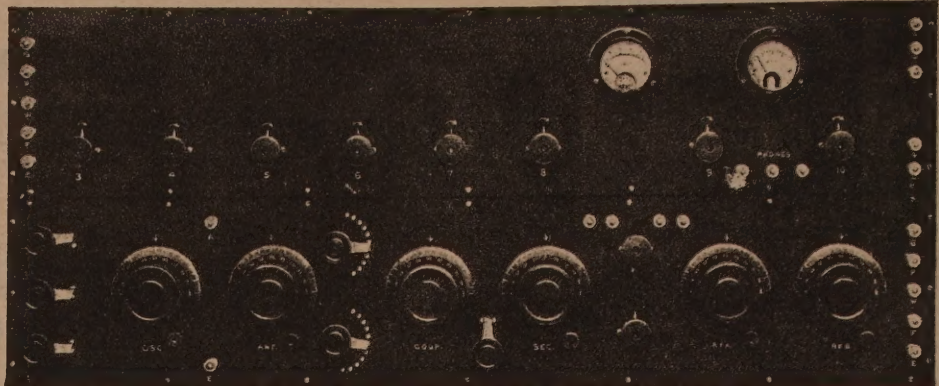
"The Rolls Royce Method of Reception"—E. H. Armstrong.

1922

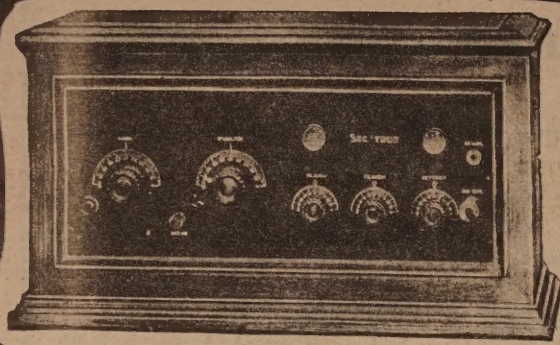


Type 224—Price \$35

Tuska Regenerative Tuner



1923



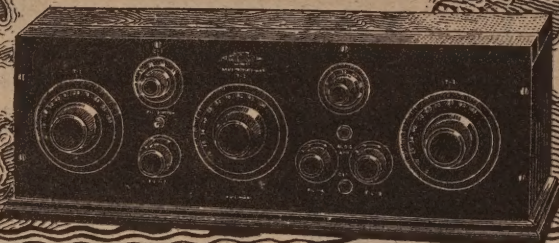
The de Luxe

SEC TRON

★ (Six Tubes)

1924

1924



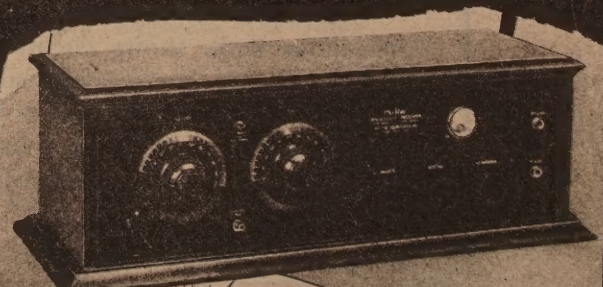
MELCO-SUPREME



Rubber Bush-
ing Insulating
Sound Conduit
from Reproducer

1924

1924



MU-RAD RECEIVER



VINTAGE RADIO HAS GREAT BOOKS FOR YOU!



VINTAGE RADIO 1887-1929



You'll enjoy this fascinating pictorial story of pioneer days in wireless and radio. Relive the days of Marconi, old spark transmitters, and the struggles of early radio broadcasting. It's the radio collector's reference, with over 1,000 pictures on 263 pages.

WHILE THEY LAST!
HARD-COVER \$10.95
HANDBOOK \$8.95

A FLICK OF THE SWITCH 1930-1950

Here's your time trip through the great days of radio broadcasting and the dawn of television. Revisit the Lone Ranger, Philco "cathedral" radios, old "Ham" days and many more. You'll revel in 312 pages of story, old ads and over 1,000 pictures.

WHILE THEY LAST!
HARD-COVER \$10.95, HANDBOOK \$8.95



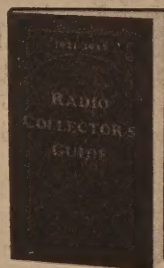
1927 RADIO ENCYCLOPEDIA



Own this authentic reproduction of Gernsback's classic. Browse through radio's heroes (who's Marconi?) and hardware (what's a coherer?) of the old days. 175 fascinating pages. Our hard-cover version is a serialized limited edition, an ideal gift.

WHILE THEY LAST!
DELUXE HARD-COVER \$14.95 SOFT COVER \$10.95

1921-1932 RADIO COLLECTOR'S GUIDE



This book makes you an "instant expert" as you go prospecting for the old radios. It eliminates guesswork in determining a set's age and "pedigree." The book contains 264 pages loaded with over 50,000 facts on 1,000 radio models made by 1,100 manufacturers.

WHILE THEY LAST!
HANDBOOK \$6.95

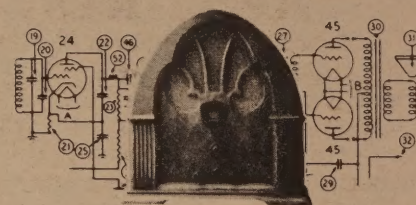
MOST-OFTEN-NEEDED 1926-1938 DIAGRAMS

This reprint of Morris Beitman's Supreme Publications book shows circuit diagrams for 600 radio models. Its 240 pages are valuable for historical circuit information, and are great aids in restoring those old sets. Made from Supreme's original artwork, it is clear and readable.

WHILE THEY LAST!
HANDBOOK \$7.00



CIRCUIT DIAGRAMS



We will research any pre-1951 radio model and send you the circuit diagram and any other available repair information. We'll also tell you the year in which that model was introduced. Your money back if we don't come up with at least a circuit diagram!

We now have Canadian diagrams, too!

ANY RADIO MODEL \$3.50

DISCOVER THE EXCITING RADIO COLLECTOR'S HOBBY!

LIMITED SUPPLY! WE HAVE MADE OUR LAST PRINTING- STOCK UP WHILE YOU CAN!

GOOD NEWS GOOD NEWS GOOD NEWS

Our new friends may not know it, but Vintage Radio was supposed to be out of business by now. We were rescued by two nice ladies who have volunteered to continue shipping Vintage Radio books. Their names are Betty McMahon and Gayle-McMahon Rowland, of North Highlands, California.

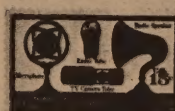
Betty and Gayle will continue to ship books until they're gone. Our Radio Collector's Guide is already sold out. Vintage Radio is in short supply. A Flick of the Switch and Radio Encyclopedia can carry on for a few more months, and we have quite a few copies of 1926-1938 Radio Diagrams. Gayle will carry on the circuit diagrams service as long as the book business lasts.

So let's cheer these two gals on with a few kind words and some orders. They deserve it!

Sincerely,

Betty McMahon

Morgan and Gladie McMahon



MAGNIFICENT COLOR PRINTS FROM ORIGINAL ART

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Originally conceived as executive gifts by Hall-Mark Electronics, these fine pictures are made by special arrangement with the U.S. Postal Service. Now a limited edition, by Government decree. Here's the ideal gift for you, your relatives and friends!

now \$3.75

FOUR BEAUTIFUL PRINTS FOR FRAMING, ~~\$7.50~~

DON'T WAIT; ORDER NOW FOR QUICK DELIVERY!

Send check or money order to McMahon's Vintage Radio, Box 1331, North Highlands, CA 95660

\$ _____	\$ _____	Add 50¢ per book for postage and handling
\$ _____	\$ _____	
\$ _____	\$ _____	
\$ _____	\$ _____	
Total		\$ _____

PLEASE PRINT CLEARLY!

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CITY _____

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PUETT ELECTRONICS

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ANTIQUE RADIO TOPICS &
THE CLASSIC RADIO NEWSLETTER

ANNOUNCING....



PUETT ELECTRONICS

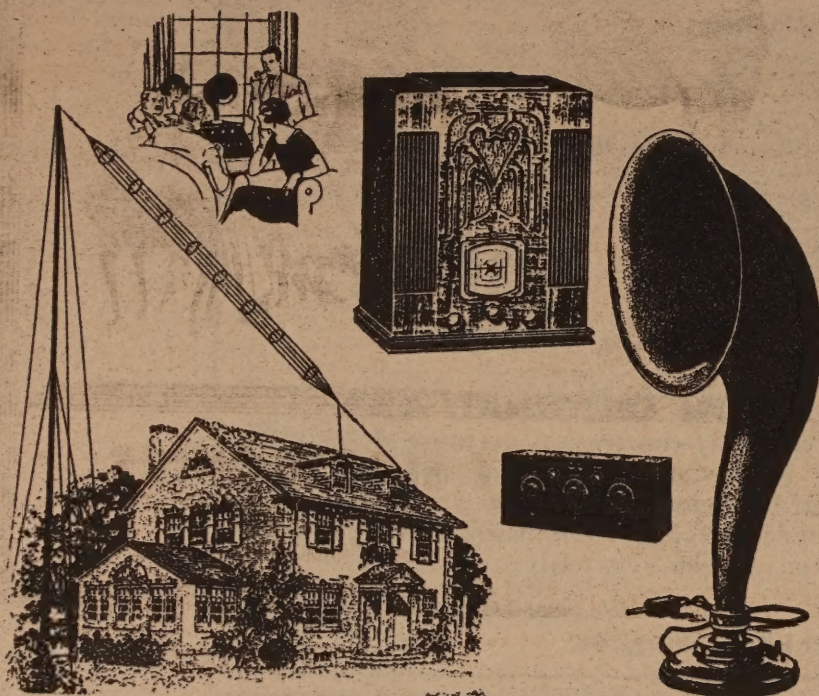
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ANTIQUE RADIO TOPICS &

THE CLASSIC RADIO NEWSLETTER

DIRECTORY OF
BY JWF PUETT
ANTIQUE RADIO SERVICES



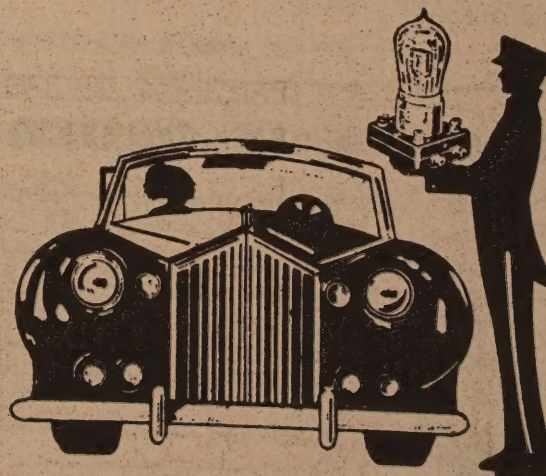
\$3.00
POSTPAID

THE DIRECTORY OF ANTIQUE RADIO SERVICES
LISTS SOURCES FOR ANTIQUE RADIO MERCHANDISE
AND SERVICES THROUGHOUT THE U.S.A. AND IN
OTHER COUNTRIES. THE DIRECTORY REPLACES OUR
LIST OF ANTIQUE RADIO SERVICES WHICH IS NO
LONGER AVAILABLE.

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LISTINGS. THE LISTED SOURCES INCLUDE TUBES,
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CONING, ESCUTCHEONS, DIALS, KNOBS, OLD-TIME
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ANTIQUITY TV, MICROPHONES, HAM GEAR, TELEGRAPH
EQUIPMENT, AND MANY OTHERS.

NEED A LAMP COVER FOR YOUR RADIOLA 17 OR 18
OR A LION DECAL FOR YOUR MAGNAVOX OR BATTERY
CABLE FOR YOUR ATWATER KENT BREADBOARD???
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AS WE ADD STILL MORE EXCITING LISTINGS!!!



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GIFTS BY PURCHASING FROM
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ANTIQUE RADIO TOPICS &
THE CLASSIC RADIO NEWSLETTER

NEW

THE ENCYCLOPEDIA OF ANTIQUE RADIO IS A CONTINUATION OF THE TYPE OF REFERENCE MATERIAL FOUND IN THE BOOKS ENTITLED "VINTAGE RADIO" & "A FLICK OF THE SWITCH" BY MORGAN E. McMAHON. THE CONTENT OF THE FIRST VOLUMES OF THE ENCYCLOPEDIA WILL BE LIMITED TO RECEIVERS AND EQUIPMENT WHICH WERE NOT INCLUDED IN THE VINTAGE RADIO BOOKS.

THE ENCYCLOPEDIA IS A COLLECTOR'S REFERENCE WITH HUNDREDS OF PHOTOGRAPHS AND ILLUSTRATIONS OF ANTIQUE RADIO RECEIVERS AND EQUIPMENT. YOU CAN NOW IDENTIFY SETS WHICH HAVE NOT BEEN PREVIOUSLY PUBLISHED IN ANTIQUE RADIO LITERATURE.

THE ENCYCLOPEDIA IS A PANORAMA OF RADIO HISTORY ENCOMPASSING SPARK TRANSMITTERS & RECEIVERS, CRYSTAL SETS, TUBES AND COMPONENTS, AND BATTERY POWERED & AC POWERED RADIOS.

THE ENCYCLOPEDIA OF ANTIQUE RADIO

VOLUME 1

BY JWF PUETT



PUETT ELECTRONICS

PUBLISHERS OF

P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS &

THE CLASSIC RADIO NEWSLETTER

VOLUME I OF THE ENCYCLOPEDIA IS AVAILABLE FOR IMMEDIATE SHIPMENT. VOLUME II WILL BE AVAILABLE IN APPROXIMATELY THREE MONTHS.

\$7.95 POSTPAID

Instructions for removing and inserting of 1 1/4-in. Springs

in "His Master's Voice" Double Spring Cages

CLINIC



To remove Springs.

1. Withdraw driving Gear and Spring Bushing from Cage. It is merely necessary to pull these out.
2. Release Cap Retaining Wire with small screw driver (Fig. 1).
3. Place Spring Cage cap downwards in dismantling ring with rivet heads on Cage opposite knurled head screw on ring (Fig. 2) then slightly tighten up screw with fingers, having clamped Spring Cage squarely in position place ring face downwards on bench.
4. Place driving tommy through hole in uppermost end of Spring Cage and drive out cap (Fig. 3)
5. Holding the Spring Cage firmly pull out centre of first Spring and allow Spring to uncoil (Fig. 4) then remove Dividing Plate.
6. Dismantle second Spring as instruction 5 (Fig. 4)
7. Thoroughly clean Spring Cage—and Spring if to be used again—in petrol or paraffin to remove stale lubricant or foreign matter.



To insert Springs.

1. Take Spring as figure 5 and drop into Spring Cage (Fig. 6) taking care that the outer hook is in the correct direction to engage the corresponding hook on the Spring Cage (Fig. 7).
2. Pull off Spring Retaining Wire with button hook, holding Spring down as illustrated (Fig. 8).
3. Insert two teaspoonsful of "HIS MASTER'S VOICE" Spring Lubricant between the leaves of this Spring then insert Dividing Plate (Fig. 9).
4. Insert second Spring with hook in correct direction which is opposite direction to first Spring (Fig. 10).
5. Pull off retaining Wire (Fig. 8).
6. Insert one heaped teaspoonful of Spring Lubricant, and replace Spring Cage cap tapping home with raw-hide mallet (Fig. 11). The dismantling ring can now be removed.
7. Replace cap retaining Wire (Fig. 12) observing that it seats itself in correct position.
8. Figure 13 illustrates small lever, figures 14 & 15 show this lever in use for pulling the eye of Springs into position, so that the Bushes may be easily inserted.

Note—Should Springs release with a jerk or jump whilst playing it usually indicates that Springs need re-lubricating. To do this, remove Spring Cage Cap as described in illustration 1, 2 & 3. immerse Spring Cage in petrol or paraffin to remove stale lubricant or foreign matter, dry off and insert 3 teaspoonsfuls of "HIS MASTER'S VOICE" Spring Lubricant.

Use dismantling ring when inserting uncoiled springs.



Instructions for inserting uncoiled Springs.

9. Figures 16 & 17 illustrates the releasing of Spring from retaining Wire. Care should be taken to grip the leaves of the Spring tightly in the left hand when slipping off retaining Wire, as illustrated.
10. When Spring is uncoiled engage hooked end in lower hook of Spring Cage and coil Spring in spirally (Fig. 18) until it takes up the position illustrated (Fig. 19), care being taken that the Spring is thoroughly cleaned as it is inserted and that no foreign matter is allowed to enter the Spring Cage.
- Note—The illustration of the two positions of the Spring Cages in Figs. 18 & 19 were obtained by reflection in a mirror.
11. Tap Spring home with block and mallet (Fig. 20). Insert Lubricant and proceed as previously described.

Important.

THE GRAMOPHONE COMPANY, LTD., HAYES, MIDDX.

INSTRUCTION CARD NO. 2. JUNE, 1921.

Read these instructions right through before attempting any of the operations.

On no account should the Governor be removed for this operation; nor should any part of the mechanism be loosened until the motor is entirely run down. To dismantle the Spring Cages of a Quadruped Motor, it is only necessary to remove the two grub screws from the sleeves of the Spring Cages and withdraw centre arbor. To dismantle Double Spring Motors, remove grub screw from top plate or winding ratchet, withdraw centre arbor and lift out Spring Cages. In all cases, after re-assembly wind up motor and allow to run down 2 or 3 times for the purpose of distributing the Lubricant.

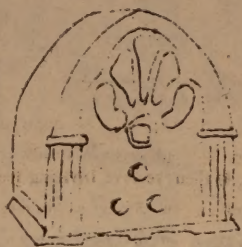
RADIOGRAPHICS BOOKS

BOX 18492 CLEVELAND HEIGHTS, OHIO 44118
available books -- single copies

1. RADIO CATALOG, 1929, the Barawik Company, Chicago, cover loose. \$7.00.
2. DeFOREST TUBES - AMATEUR TRANSMITTING TYPES guidebook, paper 1934, \$5.00
3. HANDBOOK OF TECHNICAL INSTRUCTION FOR WIRELESS TELEGRAPHISTS, J.C. Hawkhead, 1914, nearly new, includes "theoretical valve circuits", rare. \$50.00.
4. THE OPERATION OF WIRELESS TELEGRAPH APPARATUS, A.B. Cole, 1919, paper, 86 pages plus ads. Arts and Sciences series 4. \$15.00.
5. A FIRST ELECTRICAL BOOK FOR BOYS, Alfred Morgan, 1941, very good condition, \$12.50.
6. RADIO HANDBOOK, editors and engineers, 11th ed., 1947, good, \$11.00.
7. THE GREAT RADIO HEROES, Jim Harmon, 1967, with jacket, very good, \$5.
8. PRACTICAL LESSONS IN ELECTRICITY, Armour Institute, 1903, cover worn, \$10.00.
9. QST MAGAZINE, most issues from 1923 to 1949. Priced as follows: 1923 issues, \$7.00; 1924-26, \$6.00; 1927-28, \$5.00; 1929-30, \$4.50; 1931-1935, \$4.00; 1936-1939, \$3.50; 1940-1949, \$2.50. All prices are per issue. Refund if issue you order is sold.
10. CQ Magazine. many issues, 1946-1952. Any issue \$2.00 each. Take 20% off the price of any item in last issue's ad if it is not sold. Call 216-932-8990 to enquire if an item is sold. No collect calls, please. Discount does not apply to QST magazines. Send your wants. Postage paid on all orders. Ohio residents must add 5½% state and Cuyahoga County sales tax. Discount applies to single copy items only.

ANTIQUE RADIO COLLECTOR'S BUTTON

a fine plastic coated button with a safety pin back. Cathedral radio and words "antique radio collector" \$.75



\$4.95

Radio Boys

LET US SEND YOU A COPY OF THE RADIO BOYS--ORIGINAL 1920's COPY IN NICE SHAPE, OUR CHOICE OF TITLE



"THE FRENCH ATLANTIC AFFAIR"

A NOVEL - 468 PAGES -

AMATEUR RADIO SAVES A HIJACKED OCEAN LINER

- SOON TO BE A TV SPECIAL (NOVEMBER)

ORIGINAL PUBLISHER'S EDITION

HARDCOVER WITH DUST JACKET - NEW

There's a rare old radio waiting for you somewhere. Here's how to have year-round fun discovering valuable old sets in your attic, local swap meet or antique barn. You'll enjoy McMahon's fascinating books, truly fine collector's references.

VINTAGE RADIO, 1887-1929: Pictorial story of pioneer days, 1,000 photos, 263 pages. \$10.95 hard-cover, \$8.95 soft.

A FLICK OF THE SWITCH, 1930-50: Fun picture reference of home, military, Ham, professional radio-TV-electronics, 312 pages. \$8.95 soft.

RADIO ENCYCLOPEDIA, Gernsback's 1927 classic beautifully recreated, 175 pages. \$10.95 soft.

RADIO COLLECTOR'S GUIDE, 1921-32: Data book with 50,000 facts on 9,000 models by 1,100 makers, 264 pages, \$8.95

1928-38 RADIO DIAGRAMS: Beitman's classic of 600 models, 240 pages, \$7.00.



IN STOCK!

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Cleveland Heights, OH 44118

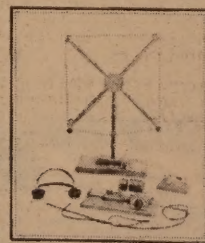
NEW!

WAS \$10.95
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Radios that Work for Free

Radios that
Work for Free



K. E. Edwards

"Radios that Work for Free" is a "How to" book for all ages. This is the most comprehensive work of its kind. Not only does the reader get a new hobby, but the skills necessary to continue in a science and art that needs revival. The projects can be built from recycled junk on the kitchen table by the novice with assured success. Years of research and countless hours of experimentation have been accumulated to provide this base for the beginner. You will fill many hours building, listening and experimenting with "Radios that Work for Free."

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Belmont, California 94002



Please place my order for _____ copies of "Radios that Work for Free" by K. E. Edwards at \$5.00 per book. (CA. add 6% tax) Please add 50¢ for postage/shipping. Check must accompany order.

Ship to: _____

ATTENTION RADIO COLLECTORS !!!

NOW YOU CAN PLAY "OLD TIME RADIO" OVER YOUR VINTAGE RADIO !

TIRED OF LISTENING TO TODAY'S RADIO PROGRAMS ON YOUR ANTIQUE BATTERY OR A.C. RADIO? TUNE IN OLD TIME RADIO BY USING MY ANTIQUE RADIO BROADCASTER TO PLAY THOSE OTR CASSETTES BY WIRELESS THROUGH YOUR SET. THE UNIT IS A MODERN SOLID-STATE 3-TRANSISTOR, 9 VOLT BATTERY-POWERED CIRCUIT CAPABLE OF BROADCASTING BETWEEN 600-1500 KHZ AM TO SETS 30 FEET AWAY. SIMPLY ATTACH THE INPUT CABLE TO YOUR CASSETTE PLAYER, TURN IT ON, AND SIT BACK AND ENJOY OLD TIME RADIO COMING FROM YOUR SET.

THE ANTIQUE RADIO BROADCASTER IS HAND-BUILT TO YOUR ORDER AND FEATURES A TUNING CONTROL TO ALLOW YOU TO BROADCAST ON A CLEAR AM RADIO FREQUENCY. UNIT IS COMPLETE, TESTED AND READY TO OPERATE (YOU SUPPLY OTR CASSETTE, PLAYER AND VINTAGE RADIO!). PRICE: \$39.95 PLUS SHIPPING (UPS OR PARCEL POST).

FOR MORE DETAILED INFORMATION, SEND A SASE TO:

HARRY E. BURKE 1201 HAPPY HOLLOW PLATTSOUTH, NE 68048

NOTE: THESE UNITS ARE OFFERED AS A SERVICE TO FELLOW ANTIQUE RADIO COLLECTORS AND NOT FOR COMMERCIAL TRADE OR GAIN. UNIT COMPLIES WITH FCC PARA. 15.204, LOW POWER COMMUNICATIONS DEVICES.



Some of the many hard working members trying to fight off auction fatigue.



A scene at the round up of contest winners.



Car hoods served as display cases at the swapfest.



Some collectors looking for the missing parts.

club news

Vintage Radio and Phonograph Society

VRPS CONVENTION '79 EQUIPMENT CONTEST

Bill Boruff captured the "best of all" phonograph trophy and George Potter won the "great big one" for the best radio at the latest annual convention for V.R.P.S. which was active with a collectors panel, contest, auction and swapfest on September 8 and 9, 1979 at Irving, Texas.

1. Wireless Equipment and Receivers:
 - #1 - June Puett : S.E.-1012 & Amp.
 - #2 - Jim Collings : DeForest Interpanel
 - #3 - Clarence Johnson: Kennedy #110
2. Crystal Sets
 - #1 - Glenn Zook : Mengel MR 101
 - #2 - Basil Abbot : DeForest BC14A
 - #3 - Basil Abbot : British Thompson Co. Radiola
3. Regenerative B.C. Sets Pre 1930
 - #1 - Clarence Johnson : DeForest D-10
 - #2 - John Alford : Radiola II
 - #3 - Bob Sullivan : Tuska 225
4. Non-Regenerative Battery Sets Pre 1930
 - #1 - George Potter : DeForest F-5 Leatherette Case
 - #2 - John Alford : Crosley VI
 - #3 - George Potter : AK 20C Compact
5. Speakers
 - #1 - Fred Bright : Amplion AR-102
 - #2 - Bob Sullivan : Crosley Dynacone W/Box
 - #3 - Don Brockman : Magnavox R-3
6. Components & Accessories Post 1920
 - #1 - Glenn Zook : Acme Y1-Y2 DA Set
 - #2 - Clarence Johnson : Calco Loop Antenna
 - #3 - John Alford : Crosley 2-Step
7. AC Table Receivers Pre 1930
 - #1 - John Alford : AK-36
 - #2 - Don Brockman : Kolster K-21
 - #3 - John Alford : Radiola 18
8. AC Table Receivers Post 1930
 - #1 - John Alford : Philco 80
 - #2 - John Alford : Philco 90
 - #3 - Dr. C. J. Andrews : AK 82
9. Art Deco & Novelty
 - #1 - Les Sims : Emerson Mickey Mouse
 - #2 - Les Sims : Grunow J-6
 - #3 - John Alford : Belmont Deluxe 45
10. Commercially Manufactured Ham Gear Pre 1950
 - #1 - John Alford : SW-3
 - #2 - John Alford : REL 278
 - #3 - Dave Medley : Hall SX-17
11. Console Receivers
 - #1 - Don Brockman : Radiola 32
 - #2 - Rick Wilkins : Radiola 64
 - #3 - Kathy Thompson : AK 55-C Kiel Table Model
12. AC/DC Table Radios
 - #1 - Carson Baker : Admiral 5Z23
 - #2 - Jim Collings : Crosley D-25-TN
 - #3 - Bill Edwards : Airline 51-BR
13. Cylinder Phonographs-Inside Horn
 - #1 - Ken Bains : Edison Amberola III
 - #2 - Jim Collings : Edison Amberola 50
 - #3 - No Third Place
14. Cylinder Phonographs-Outside Horn
 - #1 - Rick Wilkins : American Gramophone Type N
 - #2 - Rick Wilkins : Columbia Phono Co. Type AO
 - #3 - Bill Boruf : International Phono Wizard
15. Disc Phonographs-Inside Horn
 - #1 - Rick Wilkins : Sonora Deluxe Type VI
 - #2 - Rick Wilkins : Pathe Actualle Type J
 - #3 - No Third Place
16. Disc Phonographs-Outside Horn
 - #1 - Bill Boruf : Victor VI
 - #2 - Rick Wilkins : Victor V
 - #3 - Fred Bright : Victor Model E

BEST OF SHOW

Radio - George Potter : DeForest F-5
Phonograph - Bill Boruf : Victor VI



Type AZ Graphophone

Uses XP records and P blank cylinders

This Graphophone is equipped with new style lyre-shaped reproducer, which gives marvelously sweet and delightful tones.

Specifications.

Tandem Spring Motor, runs about five records each winding.
Handsome Cabinet, with top not shown in cut.
Lyre-shaped Reproducer.
14-inch Aluminum Horn.
AZ Graphophone, complete as above, **\$25**



TYPE HG GRAPHOPHONE

Uses Grand (G) records and blank cylinders (5 inches diameter)

Specifications

6-Spring Motor, will run Graphophone about 14 records at each winding.
Very Elaborate Cabinet, with piano finish; has top not shown in cut.
New Style (D) Reproducer.
Recorder.
Shaving Knife.
Recording Horn.
42-inch Brass Horn and No. 1 Horn Stand for reproducing.
HG Graphophone, complete, as above, **\$100**



TYPE QA GRAPHOPHONE

These Graphophones are marvels of simplicity and compactness. The two types differ only in equipment.

Specifications

Type Q—Including new large reproducer and 10-inch japanned tin horn - **\$7.50**
Type QA—Including new large reproducer, oak cabinet, and 10-inch nickeled horn with seamless bell **\$10.00**

Type AR Graphophone

Uses all flat records

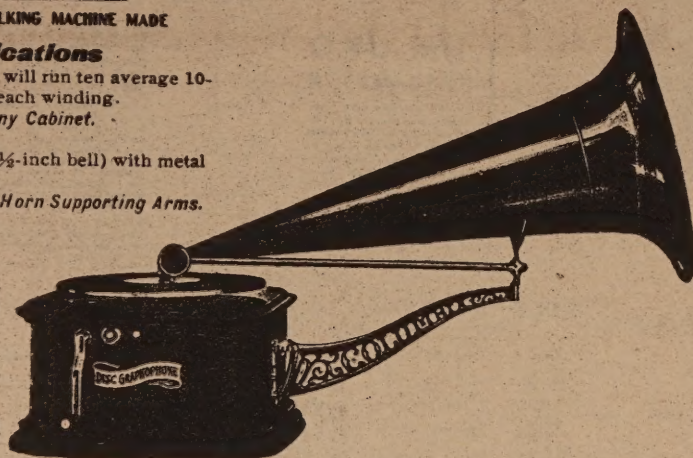
THE FINEST DISC TALKING MACHINE MADE

Specifications

Powerful Spring Motor; will run ten average 10-inch records at each winding.
Highly Finished Mahogany Cabinet.
Analyzing Reproducer.
30-inch Brass Horn (18½-inch bell) with metal elbow.
Ornamental, Detachable, Horn Supporting Arms.
100 Needles.
Two-part Needle Box.

PRICE, complete, as above, **\$65**

PRICE, equipped with 36-inch aluminum horn, otherwise as above, **\$70**



Type AU Graphophone

Uses all flat records

Specifications

Spring Motor.
Japanned Bed Plate.
Analyzing Reproducer.
16-inch Japanned Horn, with metal elbow.
Horn Supporting Arms.
100 Needles.
Two-part Needle Box.

PRICE, complete as above, **\$12**

PRICE, equipped with 16-inch Horn with polished brass bell, otherwise as above, **\$13.50**

THE "EAGLE" Coin-Slot Graphophone



TYPE BS GRAPHOPHONE

Uses small cylinder records—style XP

The mechanism of this instrument is simple and unlikely to get out of order. Many thousands of machines of this type have been sold, and they give universal satisfaction. The cabinet is suitable for placing on a counter or table.

Specifications

Spring Motor. Reproducer.
Handsome Cabinet. 13-inch Nickeled Horn.
NOTE—Single hearing tube, instead of horn, will be furnished, if desired.

BS Graphophone, complete, as above, **\$20**

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1. Title of publication: THE HORN-SPEAKER.
2. Date of filing: Oct. 1, 1979
3. Frequency of issue: Monthly except during July and August.
4. Location of known office of publication (street, city, county, state, zip code): 9820 Silver Meadow Dr., Dallas, Texas 75217.
5. Location of the headquarters or general business offices of the publishers (Not printers): 9820 Silver Meadow Drive, Dallas, Texas 75217.
6. Names and addresses of publishers, editor, and managing editor: Publisher: Jim Cranshaw, 9820 Silver Meadow Drive, Dallas, Texas 75217. Editor: Jim Cranshaw, 9820 Silver Meadow Drive, Dallas, Texas 75217. Managing Editor: Jim Cranshaw, 9820 Silver Meadow Drive, Dallas, Texas 75217.

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(Signature and title of editor, publisher, business manager, or owner)

Jim Cranshaw

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1902

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RADIO STORE CATALOGS

115. 1946 RADIO-ELECTRONICS REFERENCE ANNUAL
Hugo Gernsback, 2.00
149. LAFAYETTE, WHOLESALE RADIO SERVICE CO '36, \$2.00-1.00
150. BURSTEIN-APPLEBEE CO, 1964 and 65
including five suppliments, all for \$4.00 3.00
116. SUPREME PUBLICATIONS, Service Notes, 1941, M.N.
Beitman, corner off of cover, \$4.00 2.00
117. 1926-1938 RADIO DIAGRAMS and servicing Info,
Beitman, Vol. 1, a little damage to one
corner, \$6.00-4.00, extra copy, VG condition,
\$8.00 6.00
118. 1940 RADIO DIAGRAMS, Beitman, \$4.00 2.00
119. 1941, three of these, good better and tops cond-
ition, \$4, 5, 6, dollars each 3.00
120. 1942 RADIO DIAGRAMS, Good, \$4.00, exc., \$3.00 4.00
160. RADIO SHACK CORPORATION, Ham catalog, 1940, water
stained on pages, \$3.00 1.00
- ~~161. RADIO SHACK, 1955 catalog, fair shape, \$2.00~~
162. RADIO SHACK, 1962, with 1964 and paper suppliment,
all for \$2.00
- ~~121. 1946, RADIO DIAGRAMS, Good, \$4.00, exc. \$3.00~~
122. PRACTICAL RADIO AND ELECTRONICS COURSE for home
study, vol I, Supreme Publications, 1943, \$5.00 3.00
123. SAMS Photofact TELEVISION COURSE, 1949, \$4.00 2.00
124. Radio Industry RED BOOK Replacement Parts, Buy
ers Guide, Sams, 1948, \$4.00 2.00

NOTE—
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EQUIPMENT SERVICE MANUALS, ETC.

173. RADSON early CB transceiver operations manual, \$1.00
174. E F Johnson 6N2 Converter owners manual, \$2.00 1.00
175. VARO MFG CO, TEL AIR Model 14C VHF Radiotele, \$1.00
176. PHILCO SERVICE, Radio set SCR 522-AM w/conversion to
Ham use, \$3.00 1.00
177. Philco Serice, electrical power equipment, \$2.00
178. Same, on Radar System Measurements, \$2.00
179. Navy Model TBY-8 Service manual, 2.00
180. DEPT. of the Army, 1953, Fundamentals of Telephony \$3
- ~~181. MALLORY RADIO SERVICE ENCYCLOPEDIA, 1946, \$2.00~~
182. PF Photofact Index, July/Aug 1952, index 33, \$1.00
183. EDMUND CATALOG (SCIENTIFIC CO., NO#623, \$1.00
184. RME 84 brochure and Hammarlund '46 parts book, \$1.00
185. COLLINS RF Exciter units 310B-1 etc., & B&W Cat. \$1.00
186. GE packet of various brochures, price lists, etc, \$1.
- ~~187. NATIONAL RADIO packet of brochures, \$1.00~~

MAGAZINES

189. RADIO NEWS Aug. '48, Apr '49, mar '49, june '50, oct
'50, Jan Dec, '51, Sept Oct June '52, March '59
\$3.00 each
- ~~190. RADIO NEWS "SUPER-HETERODYNE BOOK", 1926, \$6.00~~
191. RADIO NEWS Feb, March, April, May, June, August,
all in 1930, \$5.00 each.
192. RADIO NEWS and the Short-Wave, Gernsback, 10 issues
1933, \$35.00; 1934, all 12 issues, \$35.00; 1935,
11 issues, \$34.00; 1936, 7 issues, @21.00
193. RADIO BROADCAST, 1930, Feb, March, April, all
three have the last 3 pages missing, back cover
is OK., \$3.00 each.
194. SERVICE, Oct 1932, Vol 1, No #9, \$1.00
195. Neutrodyne Radio Receiver, by Freed-Eisemann Radio
Corp., how to build, \$4.00
196. RADIO WORLD, July 5, 1924, \$4.00 3.00
- ~~197. RADIO CALL BOOK MAGAZINE, March 1931, \$4.00~~
- ~~198. Same as above, 1931, \$5.00~~
- ~~199. Same as above, 1932, \$4.00, 1932, March, April, 1932
May 1932, \$3.00 each~~
201. RADIO AMATEUR CALL BOOK MAGAZINE, 1954, \$5.00
- ~~202. Montgomery Ward Radio Sensation of 1936, catalog
excellent color catalog with many models, \$4.00,~~

203. POPULAR MECHANICS, ELECTRONICS MADE EASY, 1956, \$1
204. RADIO & TELEVISION NEWS, April '49, loose cover \$2.
205. SCIENCE AND MECHANICS, GERNSBACH, Dec '34, feb '35,
Oct '32, Dec '32, \$4.00 each, all 4 for \$12.
- ~~Radio Electronics, Sept, '54, \$1.00~~

TUBE MANUALS AND LITERATURE

- ~~SYLVANIA tube technical manual, \$4.00~~
208. 40 Uses for Germanium Diodes, Sylvania, Sylv., \$1.
209. Characteristics of Sylv. receiving tubes, '54, \$1
210. RCA Triple Pindex, 1948, \$2.00
211. RCA Air-Cooled Transmitting Tubes, \$4.00 2.00
212. RCA REVIEW, July '41, \$2.00
- ~~213. RCA Receiving Tube Manual, 1940, soft cover \$4.00~~
214. RCA Receiving Tube Manual, 1954, \$3.00
- ~~215. RIDER, RECEIVING TUBE SUBSTITUTION GUIDE BOOK, \$5.~~
- ~~216. Sylvania Technical Manual, '36, \$3.00~~
217. Sylvania, Servicing TV Receivers '51, @ \$2.00
218. Sylvania Radio Tubes Tech Manual 1949, \$4.00
219. Sylvania Radio Tubes tech Manual 1946, \$5.00
220. Sylvania Radio Equipment Hints, \$1.00
221. Sylvania Tube complement Book \$2.00
222. Sams, Tube Substitution Handbook '64, \$2.00
223. RCA Air Cooled Transmitting Tubes, '38, \$3.00 2.00
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125. Television Manual, Index, Vol. I, \$5.00 3.00
126. Volume XVI HOW IT WORKS, AND INDEX, \$5.00 3.00
127. Cumulative Index for TV Vol 1 thru 15 \$5.00 3.00
128. Index for TV Lolumes 1 thru 16, \$5.00 3.00
129. 1951 Index for Vol XVI, XVII, XVIII, XIX, XX, XXI, and XXII, book in tough shape, \$2.00 1
130. Complete Index for Vol XI and "how it works", 1940, \$7.00 4.00
131. Index, for Vol XI and XII, 1941, \$7.00 4.00
132. 1933 Index for Vol. 1, II, & 3., \$3.00 4.
133. 1934 Index for Vol. I, II, III, and IV, \$3.00 6.
134. Index, special section of Vol IX, \$2.00 4

233. RADIO, Catalog 65A, Simplex Radio Supply, \$2.
137. IRC, Edition #3, 41, \$3.00 1.00
138. SIMPSON model 260 catalog, '52, \$1.00
139. SUPREME Testing Instruments, catalog 1933, \$3.12
237. EVEREADY RADIO RECEIVERS, Service Manual, 1929
Series #30, \$12.00 8.00
238. RADIO GUIDE, DEC '35, Vera Van on front cover, March 1938, Nadine Conner on cover, and May 1938 with Tyrone Power on cover, \$5.00 each
239. The ENGINEERING MAGAZINE, Feb 1900, \$3.00 1.00
240. Sales Catalog, School, Radio Inst. of America, many pictures, etc, \$2.00 1.00
- ~~241. SCIENCE AND INVENTION Annual experimenters, Aug 1921, \$3.00~~
242. DETROLA RADIO RECEIVERS, chasis model 140/101 two books, \$5.00 3.
243. ELECTRONICS FOR BEGINNERS Merle Duston, 64 p. '46 \$4
244. ARMY LIFE 1946, \$2.00

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 All items plus shipping.
 Order from: Olde Tyme Radio Co., 2445 Lyttonville Rd., Silver Spring MD 20910.

FOR SALE: Reprinted Owners Manuals: Atwater Kent instruction book volume I, For models 9, 10, 12, 19 and 20 with station log card \$6.00 post paid, RCA Superhet model AR812 with 2 dial cards \$4.00 post paid. Excellent quality - satisfaction guaranteed. \$9.00 for both. John McFarland, Route 3, Box 158, Gadsden, Alabama 35901.

FOR SALE: OLD RADIO'S, TUBES, HORNS, SPEAKERS, RADIO PAPER, TUBE TESTERS, PLUS MORE. LIST 1-80 50¢ PLUS LARGE SASE W/2-15¢ STAMPS. KRANTZ, 100 OSAGE AVE., SOMERDALE N.J. 08083..

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FOR SALE OR TRADE: Atwater Kent parts 1927 - 1930, technical help, early electrics specialists. Vintage Radio Shop, 1419 - 8th St., Rockford IL 61104. Telephone: 815 964 3221..

FOR SALE OR TRADE: AIRLINE 1-TUBE, \$100; KENNEDY XV, \$325; MARWOL JEWEL \$75; ATLAS B HORN, \$50. SASE FOR LIST. JIM COLLINGS, 3201 WESTCHESTER, ABILENE TX 79606.

FOR SALE OR TRADE



FOR SALE OR TRADE FOR HORN PHONOGRAPHS: RCA #48. WESTERN ELECTRIC 7A \$175. NINE IN LINE \$135. ZENITH 1930s BIG BLACK DIAL \$75. 3" PILOT T.V. \$150. 7" HALLICRAFTORS, 10" G.E. \$75. OVER 100 MORE SETS. SEND \$1.00 for lists. CHUCK, 925 STARLITE, GRANTS PASS OR 97526, 503 476-1078.

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FOR TRADE: AK Breadboard for Zenith 1925 Suitcase Super Portable or will buy outright. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE OR TRADE

FOR SALE: Diamond needles for any phonograph. \$5.00 each postpaid. Send make and model number of phonograph and old needle if possible. Keith Electronics, 209 Bellefonte Ave., Lock Haven PA 17745.

FOR SALE: Cathedral, battery and AC radios from 1920's and 1930's. Please send large envelope with two stamps. J. Albert Warren, Box 279, Church St., Waverly PA 18471.....

FOR TRADE: RADIOLA 25 LOOP ANTENNA, WHAT DO YOU HAVE TO TRADE FOR IT?

WANTED: HORN FOR A WESTERN ELECTRIC 10-D DRIVER. Robert Deuel, P.O. BOX 1181, MEDFORD OR 97520.

This summer I found an old man in town who has 3 sheds full of old radios. He pulled out an AK Breadboard and a horn speaker and said he was going to take this to L.A. to get top price, but if you want to pay it, I'll sell for \$40. So I took it and a Radiola #20, a Federal and an Arbophone at \$10 each. There must be 150 more in there, plus parts and tubes galore. I have been hauling out more, but can't get rid of them, so I stopped buying. If some one has some horn phonographs to trade I will dig out more. Charles Seidel 925 Starlite Grants Pass, OR 97526

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THE HORN SPEAKER
Box 53012
Dallas, Texas 75253

WANTED

WANTED: AK 19, 21, 32, 36, 50 and other AKs. Need complete power supply for AK 37. Neutrowound sets and literature on same. Jimmy Edington, 1018 South Spooner, Pasadena TX 77506. (713) 472-3453.

WANTED: Radios 1927 to 1941, speakers, old phonographs with outside horns. Highest prices paid. They do not have to work. Everything Audio, 16756 N.E. 4 Court, North Miami Beach FL 33162.

WANTED: Philco 90B Cathedral and Atwater Kent 80 Cathedral. Also need one small knob for Philco 20B. Charles Green, 3309-24, Great Bend KS 67530.

WANTED: The microphone cable connector plug for WE-630 8-Ball, and the WE-639 Cardiod. Also need the Cannon connector plug for the RCA 50-A Inductor. Also want any early Broadcast Remote Amplifiers such as the NBC ND-10, RCA OP-5 and OP-6, WE-22A, WE-23A or other similar equipment. Still looking for Early RC Mics. for a museum. Ralph G. Maddox, Purgitsville WV 26852. Telephone: 304 289-3069..

WANTED TO BUY: Early electrics and cathedrals (non-working). Contact: Vintage Radio Shop, 1419- 8th St., Rockford IL 61104. Phone: 815 964 3221..

WANTED: Early brass blade table fans, ceiling fans, and especially unusual or odd fans. Have radios to trade or will purchase. Richard Cane, 8391 N.W. 21 St., Sunrise FL 33322. -

WANTED: QST QST need issues prior to 1924, will buy in any condition at appropriate price. Also need Hallicrafters S-5 Superskyrider and Hammarlund Cometpro receivers. Write; Dave, 6621 Duffield, Dallas, Texas 75248. -

DO YOU HAVE a I.C.A. S.W. set like this? If so I would like to purchase it or trade for something I have. Les Rayner, 5512 N. 71st. Place, Scottsdale AZ 85253. -

WANTED: Horn type phonographs that need repairing, or part machines, most any makes. Reproducers for Edison, Victor. Brass name plates from old machines. Old candlestick telephones in repairable condition, not rusted. Paying resale prices. Coleman Kiss, 4723-48 Ave, Wetaskiwin, Alta, Canada T9A 0M5 Phone: 403 352-4760. -

WANTED: Electromedical shock machines. Contact: Richard B. Jehlik, General Delivery, Handel, Saskatchewan CANADA S0K 1Y0 (306) 658-4230. -

WANTED

WANTED: Philco 90 cathedral, AK 80 cathedral and other AK cathedrals. Also need metal back-top for AA-1400 of a Radiola VI. Charles Green, 5225 Broadway, Great Bend KS 67530. 316 793-7973..

WANTED: Looking for clean Philco model 90 and 20 Cathedral's. Any Lee deForest Radio parts. Tuning pannel for deForest interpanel set. Ralph Maddox, Purgitsville, WV 26852. Tel: 304 289-3069.

WANTED: Philco model 90 Cathedral in good restorable condition. Want power supply cover for AK 40. Want wiper arm and good transformer for Radiola III. Gene Densmore, 2125 Cambridge Drive, Tallahassee, FL 32304. Phone; 904 576-2125..

WANTED: AK CATHEDRALS, RADA TRANSFORMER, RS PARTS AND NAMEPLATE, UZ1325 BASE AND DRIVER, AK 20C TRANSFORMER, FEDERAL #24 RHEO., ANY RADIOLA IV PARTS. HAVE ITEMS TO TRADE. MERRILL BANCROFT, 169 So. ROW ROAD, TOWNSEND MA 01469.

PHOTOS/INFO, Silver Marshal 620, Cockaday coil for same, or coil construction details. Ed F. Lawlor, 5 Pauline, Carteret NJ 07008

WANTED: Bremer-Tully tandem condensers GR type 368 vernier. GR 23 plate osc. condenser GR IF transformers Type 271. GR tuningknob with black metal scale. Knobs + rheos for Westinghouse DA 400 OHM "Bradleyometer" Ant. loop plug-fitting for ope-radio consolette. Richard C. Foster, 12 Shawmut Ave., Cochituate MA 01778.

WANTED: Philco 90 cathedral, AK 20 cathedral and other AK cathedrals. Also need metal back-top for AA-1400 of a Radiola VI. Charles Green, 5225 Broadway, Great Bend KS 67530. Ph: 316 793-7973..

WANTED: EARLY BRASS BLADE TABLE FANS, CEILING FANS, AND ESPECIALLY UNUSUAL OR ODD FANS. HAVE RADIOS TO TRADE OR WILL PURCHASE. RICHARD CANE, 8391 N.W. 21st ST., SUNRISE FL 33322.

WANTED: KENNEDY XV chassis AA-1400 metal top, Charles Green, 5225 Broadway, Great Bend, KS 65730

WANTED: Diagram for Magnavox 2 tube Amplifier (Batt. Op.). John Rawlins, 1920 Stephenson Dr., Mesquite TX 75149.



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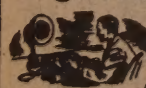


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